FIG. 1 Image Overall configuration of event control device (1st embodiment)

5   4: Event input means   6: Delivery destination determining means

8: Delivery destination determining information storing section

AP1, . . . : Application

FIG. 2 Image Hardware configuration of digital broadcast receiver

Tuner TS decoder AV decoder TV set Memory Communication control

10   section

Operation input section

FIG. 3 Image Event control program S1: Choose application of highest priority

corresponding to event contents. S2: Is application active? S3: Choose

application of second highest priority. 54: Deliver event to application. End

15   FIG. 4 Image   Internet browser E-mail Tuning Decision Return Menu

Power

FIG. 5 Image E-mail Create Transfer Communication Delete Display

Internet browser File Edit Return Advance

FIG. 6 Image E-mail File Edit Display Mail Create Sender All people

20   Transfer Communication Delete Sender Subject Sato Bon dance Uchida

Swimming meet Takagi General cleaning Kondo Cicada catching Hi. I'm

sato. We give a bon dance as follows: Date: August 14, 15

FIG. 7 Internet browser File Edit Display Move Print Return Advance

Suspend Renew Favorite Home Address

25   FIG. 8 External view of remote controller Menu Submenu Recommend

Return Decision Program table Other program Promo Broadcast contents

Page Channel Pre-tune

FIG. 9 Overall configuration of event control device (2nd embodiment)

4: Event input means 6: Delivery destination determining means

8: Delivery destination determining information storing section

10: Delivery destination determining information changing means

5 FIG. 10 Event specifying information Combination of application Internet browser E-mail Tuning Decision Return Menu Power

FIG. 11 Combination of application Internet browser Tuning Event reception specifying information

FIG. 12 Event control program (Controlling delivery destination information)

10 Start Acquire information on active application Choose event reception specifying information End

FIG. 13 Event control program (Controlling delivery destination)

Start Choose application specified as corresponding to event contents in reference to currently chosen event reception information. Deliver event to

15 application. End

FIG. 14 Overall configuration of event control device (3rd embodiment)

4: Event input means 6: Delivery destination determining means _____

8: Delivery destination determining information storing section Delivery priority information Event reception specifying information 10: Delivery

20 destination determining information changing means

FIG. 15 Delivery priority information

FIG. 16 / 17 Event reception specifying information

FIG. 18 Event control program (Controlling delivery destination)

Start Acquire information on active application. Choose event reception

25 specifying information End

Event control program (Determining delivery destination)

Start Choose application of highest priority corresponding to event contents in

reference to delivery priority information. Determine if event is to be delivered to application in reference to currently chosen event reception information. Deliver event to application. Is priority the lowest? Choose application of second highest priority corresponding to event contents in reference to

5 delivery priority information. End

FIG. 20 Internet browser File (1) New (2) Open (3) Close (4) Rewrite Edit Display Move Print Go Halt Renew Favorite Home

FIG. 21 Event specifying information

FIG. 22 Delivery priority information Numeral Cursor

10 FIG. 23 Event reception specifying information

FIG. 24 Event grouping information

FIG. 25 Overall configuration of event control device (4th embodiment)

4: Event input means 6: Delivery destination determining means

8: Delivery destination determining information storing section   Delivery

15 priority information Event reception specifying information Delivery property information 10: Delivery destination determining information changing means

FIG. 26 Delivery property information Share (over) Share

FIG. 27 Event control program Start Delivery destination determining process shown in FIG. 19 No delivery Delivery Acquire delivery property information

20 on given event. Delivery property information " " o r "Shore over" "Share" Lower priority. End

FIG. 28 Overall configuration of event control device (5th embodiment) Application startup information

FIG. 29 Active Not active

25 FIG. 31 Event executing information

FIG. 32 Event processing program Acquire event executing information. Is execution possible? No Yes Execute process for the event. Drop the event.

End.

FIG. 33 Overall configuration of transmitter (7th embodiment) Contents information Receivable event information Control information Multiplexing means Transmitting means

5 FIG. 34 Overall configuration of receiver (7th embodiment) 210: Receiving means 216: Interactive demultiplexing application 220: Event control means 222: Receivable event information 218: Control application 214: Event input means Broadcast contents

FIG. 35 Constitution details of transmitter 230: Control data creating section

10 232: Video encoder 234: Audio encoder 236: Data control section Multiplexing section Modulating section

FIG. 36 Data packeting

FIG. 37 Packeted data structure Contents data

FIG. 38 Video data Audio data PID of PMT1

15 FIG. 39 Transfer spec Service list FIG. 40 HTML data

FIG. 41 Hardware configuration of digital broadcasting device

Tuner TS decoder AV decoder TV set Memory Communication control section Operation input section

FIG. 42 Receivable event table

20 FIG. 43 This is test 1. This is test 2.

FIG. 44 210: Receiving means 216: Interactive demultiplexing application 218: Control application 220: Event control means 222: Receivable event information 214: Event input means

FIG. 45 Overall configuration of transmitter (8th embodiment)

25 Contents information Receivable event information Receivable event changing information Control information Multiplexing means Transmitting means